

**Rotational bands in
 $^{101-103}\text{Nb}$ and $^{98,100}\text{Y}$ nuclei and identification of yrast
bands in ^{146}La and ^{149}Pr ***

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Several gamma transitions in $^{101-103}\text{Nb}$, $^{98,100}\text{Y}$, ^{146}La , and ^{149}Pr are identified from spontaneous fission studies employing a ^{252}Cf source and the Gammasphere detector array. In particular, the pairing-free bands in ^{100}Y and ^{102}Nb are extended, two rather highly deformed negative-parity bands feeding the 4.3-s beta-decaying isomer of ^{102}Nb are identified, and their possible bandhead configurations are discussed. In the case of $^{101,103}\text{Nb}$, we have extended previously reported level schemes by over 20 transitions in each nuclide. For the fission partners ^{146}La and ^{149}Pr we have elucidated their previously unreported yrast level schemes.

Footnotes and References

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